

Output variables ...

[cbblanke](#) 38 posts since

Apr 18, 2008

In noah_binout (Noah 2.7.1) and mos_binout (mosaic), some of the variables (energy and water balance components, evaporation components) are averaged over all timesteps since the last output interval. (This is accomplished by adding the current local variable to the structure variable at the end of noah_main, and dividing by noah_struc(n)%count in noah_binout.) Other variables (surface and subsurface state, forcing variables) are output using the value at the current timestep only. Are new LSMs expected to follow the same method? Why are some variables averaged and not others?

Clay Tags: lis, output, averaging

[sujoy](#) 118 posts since

Sep 20, 2007 **1. Re: Output variables** Feb 18, 2009 8:59 AM

These conventions were defined for the ALMA standard. In the new version of LIS (6.0), we have a new I/O interface that enables the user to specify whether to time average each variable or not. If you provide your implementation of SHEELS back into the LIS5.0 repository along with a testcase, we can work with you to upgrade the implementation to LIS6.

-Sujoy